

From: [Smalley, Bryant](#)
To: [Peterson, Mary](#); [Crossland, Ronnie](#); [Carroll, Craig](#); [Edlund, Carl](#); [Smalley, Bryant](#); [Phillips, Pam](#)
Subject: FW: 4 Sept 2017 -- ASPECT update 1 -- 0800
Date: Monday, September 4, 2017 10:13:00 AM
Attachments: [2017 ASPECT Harvey.kmz](#)
[20170903 Preliminary Report for ASPECT Hurricane Harvey v1.pdf](#)
[20170904 ASPECT Status and Metrix.docx](#)
[Zone4_Area.kml](#)
[Zone4A flightline_google_fl_clamp.kml](#)
[Zone7_Area.kml](#)
[Zone7 flightline_google_fl_clamp.kml](#)

Here is the preliminary data. We requested a final summary report yesterday and they are working to fulfill that request. When I just checked, Mark said it would be a few hours. They are working hard to fulfill the request.

“ASPECT has completed several passes over the Arkema fire and detected trace concentrations of peroxide (limit of detection about 5 ppm), as well as PAN (peroxyacyl nitrates) and ozone which are consistently found in fire emissions.”

Bryant

From: Thomas, Mark J.
Sent: Monday, September 04, 2017 8:01 AM
To: ASPECT_Harvey <ASPECT_Harvey@epa.gov>
Subject: 4 Sept 2017 -- ASPECT update 1 -- 0800

The team was able to get the original ftp site operational and data for flights 1 through 8 has been pushed to the ftp site. Obliques, video and FTIR non-detects have been uploaded for 9 through 11. We working to get similar products up for flight 12 and 13. Please refer to the daily status (attached) and daily flight summary (2017 ASPECT Harvey) kmz for details on progress. The daily report is also attached.

The team hopes to have all active FTIR hit data finished and uploaded today.

Work on the aircraft has been completed. All routine airframe maintenance has been completed without issue. The team pulled the line scanner computer and has determined the cause of the intermittent faults and plan to fully restore IRLS capabilities on 5 September 2017. All other systems are fully operational.

The work plan for today will consist of RNA sites in the remainder of zone 7 (Chambers), Matagorda and Brazoria county (Zone 4) Please note that Zone4 has open points in Jackson Co which have been removed from the survey. Zone and proposed flight maps are attached. Flights will operate out of Hobby.

ASPECT airborne at 0800 from Addison. The first series of collections will be those in Zone 7.

Mark Thomas, PhD

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TARGET SHEET

SITE NAME: ARKEMA FACILITY/HURRICANE HARVEY RESPONSE

CERCLIS I.D.: TXD043750512 | TXN000605541

TITLE OF DOC.: 2017 ASPECT Harvey.kmz Zone4_Aream.kml
Zone4A_flightline_google_fl_clamp.kml
Zone7_Area_kml
Zone7_flightlinle_google_fl_clamp.kml

DATE OF DOC.: 09/04/2017

ATTACHMENTS TO DOC ID 7028800

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LAB DOCUMENT ? ☐ **LAB NAME:**

ASC./BOX #:

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